THE SPREET OF MA ADVANCE ORNANCESS ON THE SEASONS AND SECURITION OF POSICION STRUCTURE IN THE INTERNAL PROPERTY.

AMRED AMRAS H. GAZHY HAZHESI

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UNIVERSITY OF PLOSIES

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A CROSSES AND DESIGNATION

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A debt of generated is also own to Dr. Gendes E. Octomored for his velocity cuttings at every step of than etery. Dr. Generated's critical apparation were committee mented and hombing, but they were eventually recognised on periment and assessed to the sudmeasing eventually as periment and assessed to the sudmeasing completion of this work.

On, frapton P. Obejsik provided unlabble measurement by the instruction in the language of research and statistics. He was also responsible four the suspension tests the control troups in the study rune the leaving pensage twice, these equations the inegth of the profung measural wish that of the expensional troup.

DV. Claimers L. Bellman gave guidance on the matter of cultural differences. It was he who advised the use of Venezuelan atthesis sether then a goosp of mised-medianolog tatio Assertance. The Vanaguelate were the largest single group of Latin Assertan stadents at the University of

Also, the author washes to express his appreciation to NOS: VETOLICS M. Chrider who has twisted how to English and who has attroduced him to certain especies of Resetters

Fits illnotes thanks should be represent us the forextiment of main keaks, represented by King Mohalangs Movekarky (Mo asther's educational leastfurger), and more monthly from al-quan tournessing, a forest breach of fits abbilists interestingly, without shifts industry the stage of the property to complete his obscution is the UML would see have been

Additionally, he is especially givenful to his family in Seedi Acabos, most particularly to his dear months who her persontly swalled the completion of his studies and his return home:

Leadly, he thanks his devoted wile, Nor. Naine Searchardy, and his two some, Naim and Easie, who have showd periently by him douling those lempthy studies. This love has been a constant especial.

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Right Assetts

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AND AUTERTION OF PEALSON STEDENTS IN THE CHITES STATES

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August 1913

Najer Department: Francistics of Miscatle

The purpose of this rothy was to evaluate the affact of an enhouse emperator in familiarity the lauxulus of Implicit by ferrors received. These groups of 60 stabless, Memerican. Verenciale, and South Inchian, was zenously essepted to one of two indproops. The approximation process was presented with or effection opposition and a lauxulus phasage to see them. The control opposition position is also phasage to ment does. The control opposition is also phasage to ment does. The control opposition is also phasage to ment does. The control opposition is also phasage to ment does the control opposition is also phasage to ment does the control opposition in the control opposition is also processed as a supposition of the control opposition in the control opposition of the control opposition is a supposition of the control opposition opposition of the control opposition of the control opposition of the control opposition o

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Number of the principal function of the educace organimic is to hidde the yes between what the learner sirendy known and what backs much to have before hards can unconstitute there the test at head (Number), 1978;

the destroyer of the best to

The purpose of this study was to assesse the effect of an edwards organizer on the resisting and retardism of students whose nature language was not English and whose

These groups of existincs persistantial as the studyfile first group was encourse mighting elements with a waterin collected bedegrands. The second going was with a waterin collected bedegrand, and assemble in the studyorder with second on the contral, contained of assemble groups, which second on the contral, contained of assemble approxy was endouted unto two sections (Fg. and Fg.). The contral persistant contral contral persistant and contral collected by a forecast protops which we was seen. The Fg. persistant reserved the sone intenting pressage visions as Fg. persistant persist

The parent study extempted to answer the following constitute: Treatment and control groups the same far 2 Venezuelan and Imada Zeabane stadester

 Are there differences in posters more between equivate who raud the advance separator meterial before the learning pessage and eludante who could the learning passage

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If the effectiveness of the advance empasser can be movementally demonstrated, its possible was in balanced stokent programs should be examined to greater depail. From a theoretical point of view, if the powers organizes undertaining mention is better undertaining and continuous with the group of releases (recopie measures) the fundance may be interpreted or support for passactive theory on the efforts of the oral devices opinizes points to the processions of one measures to be leased. Another homest make the processions of one measures to be leased, and homest on foreign profession that a submous experiter whoch he measures to be leased as understained. The procession of the measures to be leased as understained. The procession of the measures to be leased as understained.

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These has Jone a good deal of recently on the educate organises. Since studies suggest Sembal's view that an advance organizer facultation learning and retention, while other studies do not support this view.

Studiet Supporting the Advance Departer

[1962] marly research on advance organizers demonstrated that these language who were given an advance organizer language the managinal better and returned at language.

subjects of kigh weeks inhellingness dut one prefit from the presentation of edenome organizers while those with relatively live varies incling and prefit. Amiliarly, feath and hors (1984) separated that advance department worked better with poor resident this with better residers.

studies of obvasous asspanies and iterating and restricts.

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Insuit and Oligida (1982), a their entity. Therese, Construences and March Construences and the contribution of private passages used as studies of effection cripicals. During a few entirel. Geological by the cell Seculi. 1971;5; a.c., the private passage on homesticas and the Tillans and visits, drawner comparate. The propose of the study use of 1° to democrate as religida entire of design and the cell of the democratic order of the cell of the to mire the passesper indexest organizary. Jecuniza passays and on historical present units of 10-ters rating suchs of the sensentic differential type, developed by tree and mention (DDFM). The advance organizar and the green perspect wave rated opportunity topers or mendagetheses, conceivement of the passage of the pas

In the second phase of the scody, a different group of students was used to determine whether or his the advance cognizer feculitated learning of the power material on homostopus. These were nix treatments frached home,

- 2. Firetorical passage plan teaming passage
- 3. Learning paramos alone
- A. Mirance constitute stone
- e. Aprende departers ann
- 6. None of the proces passages

SUMMINISTY DISPOSED INTO CONTROL OF THE PROPERTY OF THE PROPER

leaving passage sloss group. Leakly, those stadents she reserved only the advance copazins: received better morres that those who processes processes to cred but had have asked to take the coeffect server.

Consolidation, Temple, and more (FRTH) used adverse consequence to independent and regions and the many expenses are to improve the control test many proposed and the control test many and and a second test many t

This and Stock (1972) Found that their as a significant difference between the results obscious on posterous gives immediately compared with results of posterous administered three works Jates. The channes who postered this adminer organizer treatment descirational better returnings.

lesh and Johnson (1976) examined from types of advance occessaries which they used to inscoling a Johnson's said instrumentance with about elementary concepts in monime quantity. One type of community used averall elegia applications to introduce intuitivaly the little that wave in the unity emother type of organizes used only a single

groups of subjects the advance organizar around award Name of the important to pound out that the posture was

Rable and datases (1974) statist the offers of a strain of oblination (principles in leavement measingful learning using quotes time and two in a year! sobes!. The subjects were fitted into two quotes, separaments and control. The sequential group resident the sobrems organizes before the national to be learned and the control power recorded material postered with a labeleoist accept time. A separative confirmation was used to fower of the edvance organizes group as necessed by a summative ochieve-

In men of the president station coupled wave given the wijsten educate organizate with Immunity planning, but Silmon [1977] command the effects of an upul advance expansive with a Learning passings on compared to the effects of a william expension. Re discovered on Engineering Silmons in between the two methods of instruction where waxing Widespredicts

Neyer's Shudoon

Kachkid I. Napor (1976) presented four theoretical positions observating the effects of educate organizers and sinc coppered tests that should be applied to much

- 1. Recognition Timenty perifer black has performence deposite on the mounts of information ensement by the Jearner. The speed of premotexion and the Jearner's notification determine the assess of underwarding transferred to the Jearner's Semancy. Thus theory predicts "when if the Cost Construct Goods from the Jearney-Seman Semental", thench Protocoling on supplicate Deliver, where, or one et al. 1, thench
- 2. <u>Modition theory</u> status that many in learned of the learner possesson promptions and arise security. (For

example howledge and thos lead to better transfer* (hoyer, 1975s, p. 373).] This theory products that presenting an adversed organizes before learning should result in more application of howledge than presenting the organizer ofter beaution.

2. Assistance Process Tracey Constant the entire integration of non-information with mainting Emmission, and attempts to ordiners a learning entone which voices as broadth rather than only in amount resulted. This theory products that giving the advanced organizary before learning or mostal in Advanced Version undersoon them.

 Intuited Timery proposes that advanced ergenteers serve as a retained aid rether thin e learning wid. This Cheery products that there should be no difference in more purformance because advances given the edwaneed organizar harmon or distributions.

Mayor Conducted hash dates of the above thereine, Mayor's dissimilar of these mass is not lengthy and detailed to be principal or the terminal of the conducted of detailed to be principal or the conducted or the conducted or posture of the conducted or the conducted or the conducted or posture points, and posture or the conducted or the conducted or posture points or supports or analysis or the conducted or prevent encedators evaluate that of the conducted or prevent encedators evaluate that of the conducted or desired or the conducted or the conducted or desired or the conducted or the conducted or posture or the conducted or the conducted or producted or prelambed property, in appear to infiliates the extense of increases "Green, 1975, c. 35); Same 's embasion'.

In the regions, "Newsty trace of Interaction and Annual Transcription," In 1987 serviced to Equational Services and Conference of the Standard contract adults on of the Standard columns recomplete ready? Sype, i.e., on a release organization was a disconstruction of the "Standard Columns and Standard C

timiny were examined:

1. Advance organizate will more strongly affect the

- learning of a pourly expended test than that of a well organised heat.
- Advance organisers will have a stronger effect for learners lashing in provenouste bouledge and/or shillting
 - Advance organisers will have a excessir officet or district rather than extension.

The sale, hered adjusting of Neger's study was to Octobase II for securior of twenty years of observe organlater study do, as fact, support seminalation theory. RELEGY, seminalation through bala learning expected of exempting one does with all olders. Allower organization wholes not a month of taxing the exhibiting of seminalation through the design of the study of the exemplation demonstrate of the possesser security of the IT results of Intelligence than it of I the varieties the description of Intelligence of Intellig

Appar's apper does not salesafe that the shows results as investigations jump with not from resources simplification as investigations jump with not force more many varying feeting in salely appear learning. There were many varying feeting in sales induces sales resourcements with here influence examines, not, relative to exercise fee placement of the animom expensive, in it must be the ferromate behind the alimanes superior, in it must be not placement of the alimane superior enters or a cretificial or on condition that the contract of the condition of the con

by Mayor, four about besses performance for the advance cognition groups, alk about better performance for edvance

enthant should likely our to version between the above promption of post complication of the security of groups or groups or organizer to devision of the security of the security of the post of the security of post of the security of the security of the security of post of the security of the security of the post of the security of the security of the post of the security of security security of security security securit

- In a further extempt to second residence is advance remainer wholes which would be supporting of sectalization theory. Mayor critically reviewed the studies with a view to cretain excellation coroughts. In this secolog be such and the deliminary
- advance expensions when the first true in Learning a possity organized was on one on a tembrical (const. The use of an extract or whose expensions with well represent (detailed possitions) expension, there principles and whene executed, whene principles and whene exe well connected, weeld not suppose performance and enable were deversally effect the Learning process. Emerging theory products no

algebricant difference. Four studies were considered as

advance organizars, according to examinization theory, as the authors matter, Assimilation theory predicts that high sets and anchors without being directed to do so. Verbal

Linkson theory implies a stronger effect of absence appaisace on the transfer the transfer of special commonsations than the one years for the transfer of special control levels or second-level and the transfer area intolated leaving or second-level and the second varieties of interest levels are second-level and the second-level area intolated leaving second or the parties. New John Lincoln of all leaving measured on the parties. Newpoleto theory would, or course, predict to difference. The of the etalisms used minimized postsets. Mayor concluded that the use of advance organizate had a across affect on far transfer or conceptual postsets questions. This finding was not endance on postsets having many types of questions.

HIGH CARCON SECTION AND RECOGNISHED IN

ofrence organizars we, post-commander groups. This is when used with limited experience ambles low abulity may warm. For fitting stables, Navas office espatal recommon detions. Poture studies should be league scale and directed toward a specific espect of compaliation theory. Station Tweet weed on Prince studies should implace many levels, includion extension and for transfer. There should be some

gradies tritical of the Advance Organize

Times Now side has required explained of the showest province string. An opposed collision of the desire opposed collision of the desire opposed collision of the string opposed to the string of the

Motions, Alley, and Japen (1911) appress than now of a distriputation and approximate by a distriputation as of the distriputation and approximate by a difference in the application suggested by the contract of the contrac

Summary of Advance Occasions Stadues

compares may be must useful with embjects who see in some way disadvantagedy e.g., their sindemic shifty is below exceeps or their cultural handgoined varies from the norm.

All the engine direct device and Montgann standards who have American Security Colleges (1) and a second provided by the direct standards of the provided provided by the direct standards of the second provided by the second provi

Culture and First Languages Cream-Colleges | Studios of Cology Foundables

Honory designs the influence of calcume on an indisductive energy (contract, Contraction and Human (1994, 1971) and Generalist, Ballon, and Giver (1984) have more expressed relative, and the Spail is Linkest South real let us a satisfied view of Integration calculativity; test in, satisfies deliber that respect to the same with south they cold as particular even of expertages in Longuage. An Distriction and the second of the existential phorous language and "Conductive" many laws one Constraint and Chaldre (1971) were with a region challenge where the contractive many calculaher many from testic cities there, allow a testics test to mentar passed and start, and manner scaled man to instruction commany and next, actioning it is possible to specifically as the contraction of the contraction of the contraction of the contraction and table (1971) shows a storeg relationship contraction and table (1971) shows a storeg relationship contraction of the starting and different seasons of completion. Limiting at the starting contraction of contraction of these contractions have they found citizent contraction between conversa-

herzy multi-developed Laince for manney disspection within the same categories. Examples include the implicative who laft the quantit term for man, while having many sames for Kandh of smow, and the Gazamii of Hersil who lank a generic term for pask terms and paravit, while having many manner different kinds of pasks terms and passesse in their everimon many decease, 1379, p. 1367.

Obta on Scribbas 19781 take the postures that the "Clinating afforce of Imaguage may be present to respect to phenoment that are definance so to began of physical properties, but is turne of wheelmosts that are exitually operation, such as munici notes and incoming, whose amongst lengthly output their assaular though their substantial properties of the contract of the conduction of the contract of the contraction of the contract of the contraction of the contraction of the concept of the contraction of the concept of the contraction of the contraction of the contraction of the contraction of the concept of the contraction of the concept of the concept of the contraction of the concept of the concept of the con-traction of the co Language may give the greatest role in shaping people's the or resity, in infinencing their thicking processes, and incontralacting to their undertending or missubcreaming of other cultures. A good example le the different deficie; one of "freedom seeing people in the community pers of the world and in the Western parts" (Pener, 1979, p. 1804).

As a submitted point of the details belower, this work of a decided attitude and entitlement has been as defined and the submitted attitude and the submitted attitude and the submitted attitude and the submitted attitude attitud

An instituted above, the make purpose of take copy in the depreciate the affact of an element expendent as a prelementation and to firely attained as the little deficie of American who cann that indirination from English as a second incompact (IC) compared with American endocate who speak English as a first longuage (II). In which would, this study will not explore the relationship between lempungs and culture, but it will concern itself with tw

). The learning process of edults in ercond-language

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Annual Language Leonaing Process

Body prantocials hade a strong some for the emptyshilly of 21 and 2 processes (Prop. 1974). The Ex-Dentits that 13 hassness are as very different elements (OKS COLDONS Instances are as very different elements (OKS COLDONS Instance) that I facility haspears, lawny other resembers point out that LT hashness are colore and matter, virency here more knowledge of an least war lamprope, and probably hore a very difference materials for

their first language (Ergo, 1394). In ope and pursuase language keeping over two fifterenes between 11 and 12 language.

A number of different theories sales requesting the relationship between upon off Dennings (II the dollaying out argument, O) the cognitive argument, and (I) the affec-

The Riciognost Argue

the heat theres of being oppossible to largely due to

STEET which a language day never be lesseed in quite the paterny. Semeters even extends the notice of the critical learn a second language on adults, the Learning process itaalf differs. Postyphescent language lancours must make "A conscious and labored effort" (Legusburg, 1947, p. 1741, to learn a second lawrance the number of chatacles to the

Critical period theory has beened the subject of sebers, and one question is of personner inherent to 32 members: In these a qualitative difference in the way select and children lease a second language (News, 1980)?

Krashen (eized in Chin (1986)) does not agree with Limitables separating the role of intermination in imagaze Lexing, or the age of which it takes places he does not a combinative difference between rebut and child in insuring. While he feels that abild seemed learners "accordances." hencelly effections and subconnection, he believes the minist size one conscious manuals "leadning" a server learners.

ertire Arrune

Toylor (cled is thus [1913]) believe than accessive feeters such as motivation, empity, and upo boundaries distription whalt and child it ocquisition. The diffusences which waste between odels and child it learning are quantiteive rether then qualitative.

The Coprative Argument

Assemble [1840] and Assemble et al. (1970) Indicated that the GA leasure is in a manh different psychological position from this of the JA leasure in terms of the bases reconcilarly and the systemic code of one larguage. And the LA leasure is capable of composituations and applying formally stated systemic and an article of the latest control of the control of the

Just as we learn to read by anabilishing representations required to recommendation of the second state of

incompress a minimal administration of the compression of the compress

compliant growth. These amplifiers phased children's case. Ar through symbols. Without special tracaing in the adictional small depending in a large measure on energy or

It spects that them was a spresses conversing the interdisp process equilitation and suchout, dissert the progress of these ready was to Constigute the effects of advances organizate prescribedly more foreign releases who have larged depairs or second longuage, the sensits way be constituted to expend a second longuage, the sensits way be constituted to expend the second constitution of second constitutions. The second constitution of the second constitution of second constitution of the second constit while enhance their prospects of success and suppose the

both Amedel and Mayer proposed sincumerance under which where transites would be most effective. These include look of price bedegrood and limited Education is constitive structure the use of a somewhereary ten-inglish group and a Western, non-displish group should constitute to

CRAPTER 313

The experimental design to then energy consisted of a "postness only" design. The different traversess were as there districts estimately groups. The set the prospin computed of English-spenking American subjects, purvises purformance accord which norwal as a benefice or control messons for the other troops as the setole.

Application of the Party of the

Broad And

The power materials, without an England, and as his adoptives developed y-End and Heavil England.

Used and continued of a passage of approximately Not work continue with the topic of boolspool boosteresis;. The afternor expranary was a prose process; proposed to the proposed and the afternor expranary was a prose process; and afternor expranary was a prose process; and advantage explanating the use of a finish and value sendance in 250 works explanating the own of a finish are explained by the own terms of an of the control of a classification of the control of the con

Novek but also by Newell and Clejnik (1980 and Year and

Hereli (2077). The results of these equies already have been dismansed in Chapser II. It was believed that the subjects in this study were unfamiliar with this topic...

on the Lacrang persons. It consisted of ideas which were more abscreas, more instinctive, and more general than the Learning passage Inself (Bish and Novek, 1971; Newell End Glajinik, 1980).

It is appropriate to note that recision you filled the Experience of Enterestlemal Endocribly and Support, University of Fabrick, computed the restling differently leve of these two passages (the advance granisms and the language)

On the Try Graph, the advance reproduct range was from INGS-LTMS (wide with the reverse) part in the LTMs inhuman IICh and lith grade level of difficulty, and the learning passage ranged from lits grade to college with an except or decline level difficulty. In light with those creation, it as determine that the difference is residing differently levels of the two passages would not be a unputional instance. In order words, the difficulty level of the two passages has order words. We difficulty level of the two passages has

20 Waltiple cooler shows. The sentrumnes has been used and emelyind by Kuhn and Mount [1971], Bruell and Garjala [1980 and Yere and Hermil (1977) Dubn and Hovels, mains the splittenial method, found the tent to have a railability confirmance of 7.7 MW American underproducts elementary education mayor in a histogy class. It was fair that this miliability indicated appropriate and sufficees psychosomore theoremicature.

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Since the finance of task study was to deficient the season of water securities of studies and water securities of studies and water securities of studies and securities and studies and securities and

undergraduate anadomic courses, Educational Psychology 4218) and Govt and Benagement Accounting (ACC 3821),

Table 1 Characteristics of Subsects

	43 Under- graduate American Mala Studenta	40 liders graduate Penerselen Mals Stadoots	60 Under- graduate Septi Arabias Male Bradess
Roglish Lenguage Fabiliasing	Fetive Incquage	Second lang- Wege: Minist Min Books of 650 on 70821	Second lang- uses minimum sours of 191 on TORPL
Academic Lensi	2,2,4 non-Mislogy Major	2,3,4 nor-Buology major	2,3,4 noe-85coopy mage:
Graving up	21 558	Set is ESA	Net in USA
Paresto' first	English	Non Emplish	Met English
Agus	19-23	20124	15+24
MATERIAL SERVER	Only 1 magnied	Gely 3 excised	Only 3

during the 1943 Spring term at the Ververity of Florida. Generatile, Florida. 2. The 48 Keneralan statests were excelled for the

- 1913 Sprang term at the Delvereity of Floride and Secto Po Community College, Galesterlia, Floride,
- The 40 Seed; Arebuen explicits were excelled for the 1961 Spains seem on the Incorporate of Mismi, Corp.

Each netionality group was randomly divided into two subgroups, an experimental group and a specific group. Table 2 about the subgroup baseless.

to difficulty was experienced in signing aperture subjects to porticipate in this study as blog sere elecatly

Table 2

Metamelitz	Streetmans		
Cosposition	MONTH (Reperi- mental evolpt = T ₁	P X 2 Westral Group	
C, = American	20 magnets	20 Subjects	
C ₂ - Veneroeles	20 majeuse	20 majeste	
	20 espisors	20 walters	

STATISTICS CONTEST IN VILLA PARTICIPATES IN the experiment of the experiment or moderate derivage Ministers. Numerous, possed difficultative we experiment (in Minister of American Annual Confidence of Numerous involvement Procession Annual Confidence of Numerous involvement Procession of Statistics and Numerous Annual Confidence of Nu

Letters seems were mert to the rate of the 50 studently takes a submirery help and sufficiently takes of a time and place fire attendance. The tryptogur feeds include values actuated that the tires appointment, Thore who attended wine also while to exchange takes fromly friends and tiresances to attend months apparatument which edded eight more bound reshould.

A list of 60 male undergraduate, Newsradom conducts was abstract from the International Student Control of the Dateworks of Footia is missessible. Letters there was made in the 60 resident with the seas assestive and or footia procession; were note the Statistical that was not the 60 statistical trace when the ottomate the appearance. It was then decided to hold a pasty for the fairs in grantificance. The purpose of the total purpose of the statistic conducted in the sementagement for the purpose.

Nich Zepig Archance and Venezuelene were told that they secold Ackture receive the ElS may the promption contifecate sales and basis they askended a second mention (for the postenial a week after their first mention) (for cealing

The subjects are displat secondly rate we spall supposed separation group of just she tented group (fig.). There we so present on any state type of persentences control on ... this challenges we would become of the difficulty of optimizing the suitables imprises, and with tense eight been founded for the recognition, and the tense eight been founded for the recognition of the TOTAL was the TOTAL STATE INCLUDE SEASON (See the Control of the Control optimized, All angulate the time asserted we ne request statem or convention and the time asserted we necessary the control optimized consistency and the control optimized the control optimiz

....

A total of LIS cappeas were treated to this study, there were, Atlantian, as a subgroups which are numerical is Toda 2. There were not difference, resoluents satisfailness of the supermental treate recovered and advance expentation of the supermental treated in the supermental parts of the supermit angle may. The emercial groups were gover only the placeting pumping and were supermented to rands it suggest that metricials were mendanty darketinemed to the embjects so that they were assigned condensly to the aspecimental and the control primaps. Assignmentials time for the residen was 45 manuals. One week from the date of the conding, a posttant on the content was given.

Phone was one dependant visibile under nevertagether in

the experimental study, specifically, the convect week to a set of questions. The dependent weisalce measured questity of learning and resource that takes place was considered dependent upon the lidependent wellships

the confinence entrace

There were two independent variables in this aspectmental entry, (i) interested cell in Stationality of the Stationary. These were two interments, the proviously indicated there was the personality of the re-ofence organizapice intending persons, and the intermed persons only interested. These distance missessing purpose were tilling the through the proposed and the interest the through the only indicated the interest the interest through consent forces. Arminis, all wate made undergredness students, the made in it.

Dealer and mill throughouse

A DNO-way AMDEA was an expropriate conlysis possedure for then study block, Cornier, Rosele, 1974; Gloss and Stenley, 1991 to determine if these are eay significant differences between groups and treatments is performance

The two-wey 2500% her those sall hypotheses, one for the main effect of much independent variable and one far the $\ensuremath{\mathcal{C}}$

1. The nell hypothesis of interaction is

work is, essen is no introduce among ten 'GT' cell mains bethe sames he employed by differences manage sixture to 'G' Name or the 'N' masse or both. The data analysis was necessisd by the IRE 130 Andel 65 operats, or the Bureauity of TANNIA, saing the Residence is necessary for the State (San Tanar Daidy, 1932).

neare is

any passeps, metrical cost case than unly; and η_2 as the costs with the learning passeps unly, and twice. Thet (s, there as an eigenflower difference between the transference

3. The sail hypethesis for the nationalities incon-

that is, there is no difference between the country papelstim means where

- o₁ = American making
- r. Venezuelan subpert
 - r. Kroti Arabum mayert

of this study. One handerd twenty students of three nationa passtant. Each confinedlity to represented by 49 students and has two levels of transparent. The apparigants or you pecalved abs advance depender plus the learning process (to be conducted the control error read the learning manner The source on the postures regressed the dependent variable Table 3 susserizes the ductor matrix of the source.

tions of the analysis procedure were tested. The communication

- enalysis of variance are the tollowings

Bactonality	Egerinment Group (T ₁)	Geoup [7 ₂]	
Ancescen (C ₂)	8 - 29	N = 29	
Veneerales 40 ₃ 5	8 = 29	8 - 29	
Seula Arabian (C ₃)	8 = 29	8 - 29	

-). The dependent variable was measured on at least

Decembed studies have shown that ASSVA is robust with comple come are equal. However, when owe me more of the the probability examines becomes imposedor. That is, cases, the occual type I arror rate may be greater or Lass than the assisted v. depending on how the assessment were

Several approaches were used to test for the viciation of those examptions. So test for the conseptions at equal versions, test the legachasis

The case was office used, reliable despitative cases, is small on examination an approximation as opposed as a state of a section of a

Sum of Westages of the Calle

The volumes are unequal when g is greater than $g_{1,2,j,m}$ and an electric free electronical colder with the specified level of electronic g_1 ender of cells h and the cell level of g_2 electronic g_3 ender of cells h and the cell level g_3 electronic g_4 ender g_4 ender g_5 electronic g_4 electronic g_5 electronic g_5

of a possesses

- C. Sendi Accesso
- T. Contral Green

Then $g = \frac{3.418}{32.238} = 9.18$ which is less than .21 (for n = 27), but may then .24 (for n = 33). There is no table value for n = 23 pleasant, 14 does, by interpolation, equal .3865 beight and dysen, 1977, p, 1381. Therefore it was concluded that all variance were equal and blue the

the recoded plot (Figure 1). The results of this poor



Indicate that the consequence was sat, dince terms were educated to the windows independently and the etudents will be a supported to the etudents was not.

The two-way ANDIA was made in tent for those coll.

Topocheses, one for each independent variable and one for the Lintwoollos. A massary of the analysis to present in

1. The first boil appointed to the interpreter ero be exacts of fillows. There is an expainment interacelyse between levels of the two independent countries. Then he, differences between the experimental and the countries groups are the cost fit seek settlements.

Finis 5 presents the ASOVA numery table to test the ignorance of interest. The F retis for the interesting is .47 with a p value of .4381. Since the probability of the

Table 5

Sucere	Dif-	56	70	7		
C (Constelle	0 2	209.7	164,33	14.45	.000	
7 (Treatmen	ts0 1	19.2	15.2	1.7	.183	
CAT	1	6,65	3,225	-47	.420	
tazar	114	133,48	7-12		-	

sheared F value was greater than the .65 level chosen so the externos of abstracted regaliferers, it was recolable that there wis insufficient relaters to expect the multi hypothesis of no interestion. Cofferences between the reperimental and control proups were the case for all

- 2. The second scall hypothesia was maked on follows there is no nonpolarized informers between closely of the constant for Descriptors, Vancouscales or Bender. The many of Cartestinet was 7-150 and the superimental group and 3-12 for the nontrol group. The French was 3-70 (Table 5) was priced of 1.079 below on primate than 2-70 (Mexicum, the priced of 1.079 below of 1.079 to 1.079 (Mexicum, the priced of 1.079 to 1.079 (Mexicum, the priced of 1.079 (Mexicum, the comment to those notifically primat was not appreciationary to the common of 1.079 (Mexicum, the priced former than 1.079 (Mexicum) and priced in 1.079 (Mexicum) the comment of 1.079 (Mexicum) and the 1.079 (Mexicum) priced the 1.079 (Mexicum) than 1.079 (Mexicum) and 1.079 (Mexicum) and 1.079 (Mexicum) than 1.079 (Mexicum) and 1.079 (Mexicum) and 1.079 (Mexicum) than 1.079 (Mexicum) and 1.079 (Mexicum) and 1.079 (Mexicum) than 1.079 (Mexicu
- Dead I am Signification (1) to the most that the third group, maintaining all 36 relations, which received only the group, maintaining at 36 relations, which received only the Landming planess he med now had a moneyout of 36.17 WHIN MILLION OF ALL COMPARED AND ADMINISTRATION OF ALL COMPARED AND ADMINISTRATION OF ALL COMPARED AND ADMINISTRATION OF ALL CONTROL OF AL

these who send the learning possess once compared with those who send it twise.

J. The Malls will hypothesis street was for the statisticity population seems at our states of nonlinear Universe was objections differences more invains of statisticities street betweend levels, the statisticity extensively seems were in large, withy, and left for manufactures and the states of the states of the states of the statistics, and hypothesis of the states of the states of the states of the hypothesis of the states of the states of the states of the specify deep and the states of the states of the states of specify deep and the states of the

of spectro arrestant

The feature present of ferences become accession of a present or appeared by Polymy variety (ILLE), Filtress, Janus 1912, p. 1911. This choice was feet to expect cell in the control of t

APPRIL PR. 4880.

where

- s is the difference between the two mages to be compared
- In the standard and save secular
 - s is the number of Levels in the country indep
 - to in the degrees of freedom of the errors
 - de the land of conditions
 - /a she area areas
 - is the number of levels or toweshess,
 - n as the number of subjects with such cell.
 - * \$ 1 Q₄, 114, .92 √ 2,17(45)€3
 - Any contains whose absolute value is greater than 1,41
- For Assistant waves Venezuelans, the difference in group mean squalled 1.45 which as greater than 1.424 therefore, there is significant difference between imericans

- For Americane variate Statis, the difference to group rease equation 3.222 which is much prevent them 3.4 therefore, Americans and Statistic cliffer elgalicamety.
- For Vectorial and Associate, the difference.
 group mann equalised 1.775 which is greater than 2.42
 therefore there is eignificant difference between
- It is considered that the differences were in force of brotzeria them compared this Throwsteins are family, and for Thromeson were a possible influence of the control of t

The Helseboisty of the Two

As noted section, today and Bernyk (1970) found the spit-ball foliabilities of the same for homemerate on the 1/8. Assimilations of Execute on a more desconded sectionals then opitivedly existed times because the founds as the same or all personal foliabilities because the founds in the same or all personal foliabilities of personal foliability estimates (Crosslead, 1987), Seviet and Sectio, 1987). Thesefore, 82-70 has to test in the late of the same. The collaboration of the six groups are reported in Table 6. The EF-18

$$m-i\theta = \frac{1}{1-i} \ (1 - \frac{i \, p \eta_j}{g_n^2}) \ . \label{eq:model}$$

where

- T TH TORN

 - as veriance.

The religitists for the learness restroi group and for the Bradi Massian control or well as experimental groups are considered loss. The remaining religibilities have

groups are considered low. The semanting reliabilities have intervediate veloces. Possible explanations and more discernation of differences as reliabilities will be detailed in Chapter V. Also, While V above the Item difficulties for

TWO F

Matienalistes	Especimental Group	Conces) Group	
American Subports	0.56355	0.2446	
Temperat Despets	0,6472	0.9741	

Etems	America Stable	Assrores Subjects		Nonermelan Dakperta		Stady Arabia Subperts	
	A.D. +EF.	44 ³ 1	- 07 ₂ 1	17,2	= (7 ₁)	11	
	2.66	.26	.75	.95	. 80	-30	
2	185	.45	.70	. 20	.50	. 60	
1	. 10	.11	-50	,40	145	. 51	
4	-45	-60	.70	. 60	,51	. 61	
1	.40	-50	-25	. 60	,40	. 0	
6	.34	- 25	- 20	-19	.10	. 21	
3	155	. 36	.20	-45	.15	- 20	
1	.35	. 43	.40	.45	-15	. 40	
1	. 39	. 54	30	.45	. 20	.35	
16	.33	. 39	- 21	. 60	-35	. 25	
11	.45	. 45	- 30	.10	.25	. 26	
12	,65	. 50	-40	. 45	.40	. 50	
13	,75	.75	-60	.56	- 60	.10	
14	,45	.66	-44	. 26	.20	.20	
15	.10	,13	.15	, 25	-14	.20	
16		0	.10	.10	.14	-15	
17	.60	.55	.20	.60	.10	.15	
19	.20	. 63	. 15	20	- 25	. 13	
3.9	. 10	.73	155	.69	.65	.40	
39	.70	.12	-71	-65	, 45	.65	

each of the 28 (sees wishin work of the ext groups of stellars. It erwals bink for the American considerable afternames in committeeing was broad for theme 7, 12, 18 and 19 ancomen the superimental and unsured promps. Per Neuroscieles, differences were found for Saina 1, 9, 7, 14 and 17. Per Seuber, differences were found for Lean.

Zame+c

have been more. The interaction imposhesia was not retented. reed once; and breakens two fraudian the learning measure there were no elegificant differences on man overes between passed anly same. A difference was found many the tique countries and further equilies are needed to further

A cest reliability of NE-00 has been case, abouting the low reliabilities for all groups when companed with the Manand Speak (1971) study. Youshile explanations and discussion of differences as reliabilities will be detailed as the seak density.

CRAPTER V

the injusts for the present entity as startfully by the state was of almost of long in the field of empirion. A fitting laurant has also assessed uses from the subset. A fitting laurant has also assessed uses from the subset. A fitting laurant has also assessed to the state of a laurant which are of their control target. Pages (1974) and the state of the state of the state of the subset of the state of the state of the state of subsets of the state of the state of the state of subsets of the state of state of the state of state of the state of state of state of the state of state state of state of state of state sta

sequery work (1970) demonstrated his make of shymococyclesce he hermang sefecting restrated (1) fill showes organizate will now severage after the hearming of a powerly exposited teat, (2) will have a stronger effoct on the hearming of the property of the contract of th

than retention. Hower (1978s) reported that thirteen of the studies showed letter profourness for the educate capations groups. This was aviolate especially whose the sumpacts were lacking in prerequisite especiance or shilty.

in quote of the positive juminage or mayer iso accusal, dawhen still selecte on to the true effortizenses of the Tile of an advance organizate in the learning process. Burnes on Classic (1971) presented a negative review of 12 advances organizat ratiolism.

saw promoted to the influence of the tacying outcome and imaginary at Dearmers. The present entity attorphists to insentipless the passible Realitation effect on Dearming whos obscuped organizate has employed with sementime appealment of English whose cultural handproped as more Newstern.

hypothesis in that there are to significant differences between the experimental and sentral groups. They were the sense for the three rationalistss.

The second moll hypothesis of this sawing was not privated as hash the terms of all noise any significant differences between the superimental group (these wis exercised the advoice companion present the interning passage and were permitted to read the scanded only over and the CHEMIN group (there who rectived only the interview passage on were already on the readings). These leaders are not were already one readings, these leaders are not were already one readings, these leaders are not and were already one readings. These leaders are not the property of the control of control control control control control control control control control conform to experiations based on the Ciclings of Ausabel 11770 and Meson's studies 117700.

Since this start hypothesis investigated was related to experiment preference and the complication of the subparts is the time seen speciment. The complication of the subparts is the time speciment. The present less there are precise that the present less than the complex start subparts are consistent. As not well as the complex start subparts are consistent integers are sufficient integers and sufficient integers are sufficient integers and sufficient integers are sufficient integers and sufficient integers are sufficient integers.

MORECOS 10 PADIA F, it was freed that the centeger was seen for the that conjunction approach for the same markers that the configuration ground for design and property of the temperature of the configuration of the con

hemines counterpert. The poccor purformance of the Archae group is probably indicative of the contents difference of Lengage and columns incipound.

Contensing the corpe of the Buzzaralan and Bootl. Machana superlands [crops receit a difference in fam. CORP of 1.48. In this case, both groups were in a lancalay situation where they were required to environ bandwidge in a encoded Longuage, but the most Lankana years editionally were frontlends with a difference cultural bankspream?

man ablows between the Sources costed group involved in this study, who seed the Learning possesy twice, and their constaryers in the earliest Hewell and Corpiek (1989) study who seed the Learning possessy cally dome.

equivaments' experience, votal happe (ITTELD), dessings so their experiments' experiments, votal has predicted an entirely for the dessine companion proper. The use of columns represence was found mass eleverates were seed votal limited experiment makes for most eleverate was need votal limited experiment makes for military standards. The footroughas and makes subjecte could be considered integrishmently and outlantally defirement and, characters, would have been superiod to profess from the use of the absolute companion; the professional was an examinate by that study.

After considering the findings of this study, it can be smalleded that there has been no estimate abstance which eight be construct as apportive of the theory of the Conditative effect of advance organizars where the learning to be eccomplished as presented in a language other than the learner's entire temper. These findings are additionally abased upon remarks with a linear ampling of second linearest pressure of Feeling.

It appears defined that further remembers to the operation of the first designation of the first designation of the first designation of difference resolved femals, loopings, and distincts landquared difference resolved femals, loopings, and distincts landquared for the first designation of the first design designation of the first designation of the first designation

opecition stypestions for future sensered in these appear ore listed below.

Recommendations for Putgre Research

The two types of minores organizary, companions and expeditory, should be operationally defined. The definition should be explice to minister advance organizary to determine 14 shey ment the criteria of Assabel's and Names's secretural producerate.

- 2. A brain reference expensive study should be replicated in foods arehan to determine if the solitisative affecter of defence occupancy on meaningful insuling is a pseudinely Meaners extensely phenomenon of if the effects as excess-volument. Buth a study would also give extincte the determine if offence to deturnize if offence occurrence are an uncful in the braint.
- As educate organizar study should be undertaken, employing non-mediates mentalal, such as literature, blanker or different menta of a cologion, with undergraduate coorage students for whom Admids is a served language.

then that and Roma's. This difference can be executived to difference of American relations in the secondary. Per difference of American relations in the secondary. Per season, the American relation of Canada American season, were administrate whenever relation in and Roma's season, were administrate whenever relation to the contract of Canada that and the contract of the contract of Canada and American employees have much the learning personal processing while these of the previous ready that and a tensor.

to an example of the control of the

The parent connecteness of the reliabilities are reliable and the size of the size of the reliable and the reliable and the reliability of the reliabilities are not constained under order has been been foundation and the reliabilities and the reliabilities are as sense displayed. The reliabilities are as sense displayed, the reliabilities are as the reliabilities and the reliabilities are as a reliabilities are as reliab

SCHOOL CO.

The extraction for the promot mindy state from an attained in the engine work of algorithm and integers, and electrons consists with this special learning complication of from a consist with this special learning complication of the engine state of the state of the

The embjects were those groups of 66 consequences windowing, herejoen, Teneropolen, and Sendi Arabiana Cunducky distributed he new of two comps. The emperimental group contain andressed arguminer and a learning persons core. The contain group read just this Learning persons twice, it heads to the contain group and just this Learning persons twice, it heads to the contain the contains a serious persons twice.

The fundamen indicated the Sollowin

- 1. There was no significant difference in postuata in a decrease the experimental and control groups without the three milliantiates. As a pair of interest, there was no eignificant difference between the speem of the present while control groups into each the learning peaces present very control groups into each teaming peace process compared with the enterior groups in the neutil and Objith (1988) indice due and in) present
- the American proops who were operating in their owe improps performed better than the Veneralizes and the small Architect. In time, the Temperature outperformed the Sucilian ambigates when the double bankings of imprope and of Temperature Inchment

Meand on the work of Annahol. (FFH) and mayor (1770-b) as described to votation would have been precipited for the apprincedage woman of Tenermolous and Sauli, andpoint, becomes they would be clearatind as impositionly and culturally different. Proventy California from a manufacture of the Control California of the Californi

obvoor organizer. Although the greenes windy deals with a limited empling of accord integers English overs, there is no evidence expection of the effectiveness of advance are namers in feeliteting learning for non-netive equations of

de enumendation fer fotors relains voilé às so minimum au quantinum districtions en de tre types d' adminimo capitaires, comprendire met espenieure, Alon e hent defense comparate rolly simile le espelianes in Empli Arches to détendre if the institutes of advance repairement in production de la production de advance repairement in a promisely henter eclored phonoment. Exally, an adminimo repairement evidence de la mental que suspon non-tracement material, and no a linementer, history or comprendire collégies, visio sindere hés ann momention quakter of Alondi.

The poweral increatingness of the reliminations way be extracted to the first their the recolog malling of the subjects was not neverthely which would here been as apportant related variable. Buth a central would here possessited that otherworks are a reading ability test. Annotes an apportant of the subjects to the two pressures exercised exclusions of the subjects to the two pressures exceptions of the subjects to the two pressures exceptions.



APPROPRIES.

ADVANCE CARGO

J. Hovek, Department of Education. Cornell University

NONELEDATE

SOMMOUTE BORTL

the Molity to Matchain relatively withdised increase mustifices, even when molec strong, is called Domestation CONDITION, or more adapty homosphesis. The stabilized or whendy state conditions that are matchained through become what we require that are matchained through become what we require that are matchained through become what we will be a state of the stability of living STRELEME OR SECURITY.

A CONCENTRAL TRIST OF DISSESSION PROGRAMMS AS A CONCENTRAL TRIST OF THE PROGRAMMS AS A CONCENTRAL TRIST OF THE PROGRAMMS AS A CONCENTRAL TRIST OF THE PROGRAMMS OF THE PROGRAMMS OF THE PROGRAMMS AS A CONCENTRAL TRIST OF THE OWN PROGRAMMS AND THE P

Proceedato repoletion is greated on all levels of ill from the molecular to the community levels. The requirement weekselsen functions is much the ease names at all the levels with the degrees of complexity bring difficunt.

excession to malk these the ten of a dense. This say hale

The principle of dynamic equilibrium (science) can be allowered by a ringle miniopy. If one compares the expenice and the selle that compone it the flow tank is Figs-120 1. Gottain similaritors to the dynamic belince of the living system may be noted in the weekings of the tente.



It the about of value externey the hask at your equiits the smooth of weet leaving it, the writer level will not shouse one much a system it said to be actively belonced. The almost pupils one natural on a octive belonce as no joyabs saveral objects home when is dynamic spilliction. Our looky publicaness are impaired on that many work dynamic equilibrium or anisational.

numerous that the flow tank is in dynamic squillenges only when the leffer in equal to the cotflow. To arrange a square in dynamic equilibrium, you must requists either the laffor of the custion, as been.

Figure 2 Illastenses a simple mechanism, model that ended be used to pupilist the soldiam. The confirm upplic lacemass when the mount of works existing is imbremed. If this regulation deview operated fast and effectively sometime, it would keep the lavel of water in the tank nearly constant.



the bound givener (reper) must vary a goost dead from nine to time departise on the extinity of the body calls, the chemical composition of the food, and many other factors.

TRIIDD in the blood are very despineries. The regulation or a body function mote any places regulates in each socretism properties of the computational based but single firm systems allowers by the dispine. Tws. Like the fire system, all the mechanisms the regulate the glasses emergetarion are likely to depend on the glasses emergetarion are likely to depend on the glasses concentrates leady.

themocratiles setten, A thomocratile registron to corogs which common any variantem from an acceptable range to which common any variantem from an acceptable range to select a recreating measure and being the activity best when range. A physical most for the theory offer conregulator may be found in the heat-controlling outside in an others. The extent of the heat thermost course the completing or himsday of an elevation circuit. When the cultural le mempletes, the furname quee on and the temperature sizes. Then the crimit is broken, the furname terms off and the temperature fails. One put this are an elevating into brown body that fractions is a memorial arms.

The record type of homocratic regulation is through the use of framibuck action. A freeDook regulator is one in which the nonemiables of an end product of the system inhibits (slowe) the initial resolution a.e.

Figure 1

the sermenistics of a bornous in the blood would sementally slow up its production by afferticy the plants that produce It.

hash enter may buy a stimilating effort breakies effect) +.c. an Laurease in horsons & production by Sland I may inflaence claim II to predom error of burnons p.



SUMMERC PART

(Drum D. Muhn and J. Marak, executable from J. Morak, Department of Edwardish, Domest Decemberty

sanac begulata

In discounting homeostants, it seems appropriate mody temperature on one enample.

Damais and bilds are bioinfaireas. Other annuals empetablishmens, homeotherist expenses on cogada at maintaining a samenabaly semental bioperal beoperance comthough the estimate toportaine varies are a knowledges, publishmens her various forceast properties dependent upon the contrast emissions. They are offer sailed soci-

The better the himnostatic gracies, the greater as the interpretation of the switzenest, the sure the opposite can do not accomplish. Command the form, 2 as or pechalinthern. As extreme temperature, it can not function. In the

distance is historicates.

On requiries temperature, the brain must interest while

the importance receptors to a part of the brain called the hypothelakia. This stranders receives the messages and takes actual to appose the change in the external temperature, beneathers life message, human beings) here vaye of profercing the leavage base.

the maximal temperature folls is by increased maximal motivity. Involuntary meanin medicing removed by a free in temperature is called minutally. It shipments does not grother heat feet enough to offeet the laws, who many removes left to to produce best uses feeture by atqueres

The separate one law that by printing, conducting, and commendation, and commendation about the ray of plant of the commendation and commendat

Many bemotherms, including man, can cool the body further by manifely. Above 17°C, prospection becomes a series factor in the possibile of leat Lies.

It mount on notice that it is not the race of measure than determines best loss, but nother the rate of empositions of the example. That is why we are more constructed a lost worther when the busidity is low. The lower the busidly the faster is the race of emposition and the greater

The mentione criticis is knowledged for registron do be reconstructed to be less one section to the line on an electrical and a section of the memorarism to be being respective, in criticised alias at a section to the control of th

Line, we not consider damagin of homeworker consideration. The name promound has been defined as a substitution of processing place of consideration of the processing place of the processing o

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the rate of metabolism by inflaencing various procurses, three is two much thyronax encerted, the individual in ove active, across, box, and restless. When there is no intil three in the across decharged, pastive, cutch and mineray. What controls the cuts of bormone productions

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